

CLAIMS

1. A data distributing apparatus comprising:  
a first storing unit in which first  
identification data that is peculiar to equipment and  
5 second identification data corresponding to said first  
identification data have been stored;  
a first transmitting/receiving unit for  
transmitting distribution request data of data together  
with said first identification data read out from said  
first storing unit and receiving the transmitted data;  
a first data storing unit for storing the  
data received by said first transmitting/receiving  
unit;  
a first signal processing unit for performing  
a decoding process to the data read out from said first  
data storing unit on the basis of said second  
identification data stored in said first storing unit;  
a first control unit for performing an  
operation to allow the data received by said first  
transmitting/receiving unit to be stored into said  
first data storing unit and controlling the decoding  
processing operation by said first signal processing  
unit of the data read out from said first data storing  
unit;  
25 a second transmitting/receiving unit for  
receiving said first identification data and said  
distribution request data which were transmitted from

said first transmitting/receiving unit and transmitting the data;

a second data storing unit in which a plurality of data is stored and which outputs data corresponding to said distribution request data;

a second storing unit in which the second identification data corresponding to said transmitted first identification data has been stored;

a second signal processing unit for performing an enciphering process to the data outputted from said second data storing unit on the basis of the second identification data read out from said second storing unit; and

a second control unit for performing a reading control of said second identification data from said second storing unit on the basis of said distribution request data and said first identification data which were transmitted and performing a reading control of the data from said second data storing unit on the basis of said distribution request data,

wherein the data enciphered on the basis of  
said second identification data transmitted through  
said second transmitting/receiving unit is decoded by  
said first signal processing unit.

2. A data distributing apparatus according to  
claim 1, wherein accounting information is transmitted

from said first transmitting/receiving unit to said second transmitting/receiving unit, and said second control unit controls the reading operation of said second identification data from said second storing unit on the basis of said transmitted accounting information.

3. A data distributing apparatus according to claim 1, further comprising enciphering processing means for performing an enciphering process to the data which is written into said second data storing unit on the basis of said enciphering data, and wherein the data enciphered by said enciphering processing means is written into said second data storing unit, and when the data is read out from said second data storing unit on the basis of said distribution request data and transmitted from said second transmitting/receiving unit to said first transmitting/receiving unit, said enciphering data is enciphered by said second identification data by said second signal processing unit and transmitted together with the data read out from said second data storing unit.

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4. A data distributing apparatus according to claim 3, wherein said first signal processing unit decodes the data transmitted from said second transmitting/receiving unit and said enciphering data

by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the basis of the decoded enciphering data.

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5. A data distributing apparatus according to claim 3, wherein said first control unit performs an accounting process on the basis of said enciphering data.

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6. A data distributing apparatus according to  
claim 4, wherein said enciphering data has a data  
portion which dynamically changes, and said first  
control unit discriminates said dynamically changing  
data portion, at every predetermined time, in said  
enciphering data stored in said first data storing unit  
and transmitted together with the data from said second  
transmitting/receiving unit.

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7. A data distributing apparatus according to claim 6, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said dynamically changing data portion.

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8. A data distributing apparatus according to

claim 7, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

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9. A data distributing apparatus according to claim 4, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

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10. A data distributing apparatus according to claim 9, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said time-dependently changing data portion.

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11. A data distributing apparatus according to claim 10, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

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12. A data distributing apparatus according to  
claim 4, further comprising a signal processing unit  
for further performing an enciphering process to the  
data decoded by said first signal processing unit on  
the basis of first identification data of a destination  
5 to which the data is to be moved when the data stored  
in said first data storing unit is moved.

13. A data distributing apparatus according to  
claim 12, wherein said first control unit deletes said  
enciphering data stored in said first data storing unit  
at a point when the movement of the data stored in said  
first data storing unit is finished.

14. A data distributing apparatus comprising:  
at least one terminal equipment section  
having a first storing unit in which first  
identification data that is peculiar to equipment and  
second identification data corresponding to said first  
identification data have been stored, a first  
20 transmitting/receiving unit for transmitting  
distribution request data of data together with said  
first identification data read out from said first  
storing unit and receiving the transmitted data, a  
first data storing unit for storing the data received  
by said first transmitting/receiving unit, a first  
25 signal processing unit for performing a decoding

process to the data read out from said first data  
storing unit on the basis of said second identification  
data stored in said first storing unit, a first control  
unit for performing an operation to allow the data  
5 received by said first transmitting/receiving unit to  
be stored into said first data storing unit and  
controlling the decoding processing operation by said  
first signal processing unit of the data read out from  
said first data storing unit; and

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*Unit*  
a server apparatus section having a second  
transmitting/receiving unit, connected to said terminal  
equipment section through a transmission path, for  
receiving said first identification data and said  
distribution request data which were transmitted from  
15 said first transmitting/receiving unit and transmitting  
the data, a second data storing unit in which a  
plurality of data is stored and which outputs data  
corresponding to said distribution request data, a  
second storing unit in which the second identification  
data corresponding to said transmitted first  
20 identification data has been stored, a second signal  
processing unit for performing an enciphering process  
to the data outputted from said second data storing  
unit on the basis of the second identification data  
read out from said second storing unit, and a second  
25 control unit for performing a reading control of said  
second identification data from said second storing

unit on the basis of said distribution request data and said first identification data which were transmitted and performing a reading control of the data from said second data storing unit on the basis of said distribution request data,

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wherein the data enciphered on the basis of said second identification data transmitted through said second transmitting/receiving unit is decoded by said first signal processing unit.

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on the basis of said distribution request data and transmitted from said second transmitting/receiving unit to said first transmitting/receiving unit, said enciphering data is enciphered by said second identification data by said second signal processing unit and transmitted together with the data read out from said second data storing unit.

17. A data distributing apparatus according to  
claim 16, wherein said first signal processing unit  
decodes the data transmitted from said second  
transmitting/receiving unit and said enciphering data  
by said second identification data stored in said first  
storing unit and performs a decoding process of an  
encryption performed by said enciphering data to the  
data decoded on the basis of the decoded enciphering  
data.

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18. A data distributing apparatus according to  
claim 16, wherein said first control unit performs an  
accounting process on the basis of said enciphering  
data.

19. A data distributing apparatus according to  
claim 16, wherein said enciphering data has a data  
portion which dynamically changes, and said first  
control unit discriminates said dynamically changing

data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

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20. A data distributing apparatus according to claim 19, wherein said first control unit controls the reading operation of the data stored in said first data storing unit on the basis of a discrimination result of said dynamically changing data portion.

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21. A data distributing apparatus according to claim 20, wherein said first control unit inhibits the reading operation of at least the data from said first data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

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20. A data distributing apparatus according to claim 16, wherein said enciphering data has a data portion which time-dependently changes, and said first control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said first data storing unit and transmitted together with the data from said second transmitting/receiving unit.

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23. A data distributing apparatus according to  
claim 22, wherein said first control unit controls the  
reading operation of the data stored in said first data  
storing unit on the basis of a discrimination result of  
said time-dependently changing data portion.

24. A data distributing apparatus according to  
claim 23, wherein said first control unit inhibits the  
reading operation of at least the data from said first  
data storing unit when the discrimination result of  
said time-dependently changing data portion indicates  
that a predetermined time has elapsed.

25. A data distributing apparatus according to  
claim 16, further comprising a signal processing unit  
for further performing an enciphering process to the  
data decoded by said first signal processing unit on  
the basis of first identification data of another  
terminal equipment section of a destination to which  
the data is to be moved when the data stored in said  
first data storing unit is moved to said another  
terminal equipment section.

26. A data distributing apparatus according to  
claim 25, wherein said first control unit deletes said  
enciphering data stored in said first data storing unit  
at a point when the movement of the data stored in said

first data storing unit is finished.

27. A terminal apparatus for data distribution, comprising:

5 a storing unit in which first identification data that is peculiar to an apparatus and second identification data corresponding to said first identification data have been stored;

10 a data transmitting/receiving unit for transmitting distribution request data of data together with said first identification data read out from said storing unit and receiving data which was enciphered by said second identification data and transmitted;

15 *Ad* *Contra*  
a data storing unit for storing the data which was enciphered on the basis of said second identification data and received by said data transmitting/receiving unit;

20 a signal processing unit for performing a decoding process to the data read out from said data storing unit on the basis of said second identification data stored in said storing unit; and

25 a control unit for performing the operation to store the data received by said data transmitting/receiving unit into said data storing unit and controlling the decoding processing operation by said signal processing unit of the data read out from said data storing unit.

28. A terminal apparatus for data distribution according to claim 27, wherein the data received by said data transmitting/receiving unit and enciphering data serving as a source of encipherment performed to said data have been stored in said data storing unit, and said signal processing unit decodes the data read out from said data storing unit by said second identification data stored in said first storing unit and performs a decoding process of an encryption performed by said enciphering data to the data decoded on the basis of the decoded enciphering data.

29. A terminal apparatus for data distribution according to claim 28, wherein said control unit performs an accounting process on the basis of said enciphering data.

30. A terminal apparatus for data distribution according to claim 28, wherein said enciphering data has a data portion which dynamically changes, and said control unit discriminates said dynamically changing data portion, at every predetermined time, in said enciphering data stored in said data storing unit together with the data.

31. A terminal apparatus for data distribution according to claim 30, wherein said control unit

controls the reading operation of the data stored in said data storing unit on the basis of a discrimination result of said dynamically changing data portion.

5 32. A terminal apparatus for data distribution according to claim 31, wherein said control unit inhibits the reading operation of at least the data from said data storing unit when the discrimination result of said dynamically changing data portion indicates that said enciphering data is not correct.

10 *2/2* *cont* 33. A terminal apparatus for data distribution according to claim 28, wherein said enciphering data has a data portion which time-dependently changes, and said control unit discriminates said time-dependently changing data portion, at every predetermined time, in said enciphering data stored in said data storing unit together with the data.

20 34. A terminal apparatus for data distribution according to claim 30, wherein said control unit controls the reading operation of the data stored in said data storing unit on the basis of a discrimination result of said time-dependently changing data portion.

25 35. A terminal apparatus for data distribution according to claim 31, wherein said control unit

inhibits the reading operation of at least the data from said data storing unit when the discrimination result of said time-dependently changing data portion indicates that a predetermined time has elapsed.

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36. A terminal apparatus for data distribution according to claim 28, further comprising a signal processing unit for further performing an enciphering process to the data decoded by said signal processing unit on the basis of the first identification data of a destination to which the data is moved when the data stored in said data storing unit is moved,

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37. A terminal apparatus for data distribution according to claim 36, wherein said control unit deletes said enciphering data stored in said data storing unit at a point when the movement of the data stored in said data storing unit is finished.